

**APPENDIX:**

The Appendix includes the following item(s):

- ☒ - a new or amended Abstract of the Disclosure
- ☐ - a Replacement Sheet for Figure      of the drawings
- ☐ - a Substitute Specification and a marked-up copy of the originally-filed specification
- ☐ - a terminal disclaimer
- ☐ - a 37 CFR 1.132 Declaration
- ☐ - a Substitute Specification and a marked-up copy of the originally-filed specification
- ☐ - a verified English translation of foreign priority document

Abstract

Rapid mixing and homogenisation of reaction mixtures with respect to temperature and chemical concentrations, as well as greatly enhanced mass transport is achieved when the reaction mixture placed in a vassel suitable for centrifugation, and subjected to asymmetric heating, cooling and simultaneous centrifugation at conditions for creating an enhanced flow within the reaction mixture, wherein the flow ensures practically total mixing and homogenisation of the reaction mixture.